

## ENHANCED CODED SPEECH

### ABSTRACT OF THE DISCLOSURE

According to the invention, a method for increasing quality of an enhanced output signal to approximate an undistorted sound signal is disclosed. In one step, a distorted input signal is received that includes an embedded corrupting signal. The embedded corrupting signal is statistically related to the undistorted sound signal. An enhancement signal is determined by finding a difference between the distorted input signal and the enhanced output signal. The enhancement signal attempts to offset the affect of the embedded corrupting signal. Based at least in part upon analyzing the enhancement signal, the enhanced output signal is produced.

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